

**Notice of Allowability**

Application No.

10/765,178

Examiner

Melissa J. Koval

Applicant(s)

LI ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to August 23, 2005.
2. ☒ The allowed claim(s) is/are 1-3 and 5-29 (now renumbered 1- 28).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 13, line 1, change "claim 11 further" to - - claim 11, further - -.

### ***Allowable Subject Matter***

Claims 1-3 and 5-29 (1 through 28) are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art of record neither shows nor suggests all of the elements of claim 1 in combination and particularly:

"a first reflective light panel having a first color filter embedded therein, the first reflective light panel receiving the first polarized light from the polarizing beam splitter and reflecting a first image light;

a first quarter wavelength plate disposed between the polarizing beam splitter and the first reflective light panel;

a second reflective light panel receiving the second polarized light from the polarizing beam splitter and reflecting a second image light;

a second quarter wavelength plate disposed between the polarizing beam splitter and the second reflective light panel;

a first color selector converting the first image light and the second image light into the same polarization states; and

a projection lens receiving and projecting the combined first and second image light from the first color selector.”

The prior art of record neither shows nor suggests all of the elements of claim 11 in combination and particularly:

“a first reflective light panel having a first color filter embedded therein, the first reflective light panel receiving the first polarized light from the polarizing beam splitter and reflecting a first image light;

a second reflective light panel receiving the second polarized light from the polarizing beam splitter and reflecting a second image light,

a first quarter wavelength plate disposed between the polarizing beam splitter and the first reflective light panel;

a second quarter wavelength plate disposed between the polarizing beam splitter and the second reflective light panel, and

a projection lens receiving and projecting the combined first and second image.”

The prior art of record neither shows nor suggests all of the elements of claim 20 in combination and particularly:

“a first reflective light panel having a first color filter embedded therein, the first reflective light panel receiving the first polarized light from the polarizing beam splitter and reflecting a first image light,

a second reflective light panel receiving the second polarized light from the

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polarizing beam splitter and reflecting a second image light;

a first color selector converting the first image light and the second image light into the same polarization states;

a projection lens receiving and projecting the combined first and second image light from the first color selector; and

a first polarizer disposed between the first color selector and the projection lens.”

The prior art of record neither shows nor suggests all of the elements of claim 26, in combination and particularly:

“a first reflective light panel for receiving the first polarized light from the separating means and reflecting a first image light;

a second reflective light panel for receiving the second polarized light from the separating means and reflecting a second image light;

means for converting the first image light and the second image light into the same polarization states;

a projection lens receiving and projecting the combined first and second image light from the converting means; and

a first polarizer disposed between the converting means and the projection lens.”

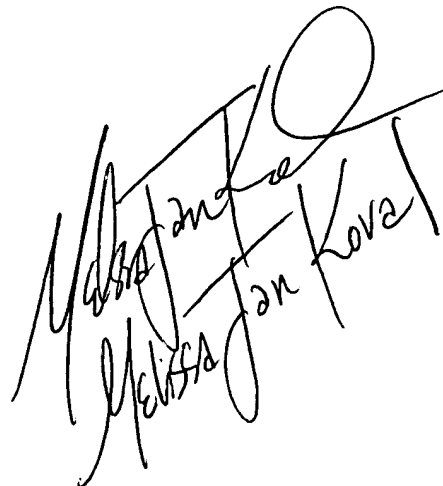
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melissa J. Koval whose telephone number is (571) 272-2121. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571) 272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MJK



Handwritten signature of Melissa J. Koval, with the name "Melissa J. Koval" written in cursive below the signature.